

Table 1 (continued).

Sample number	Depth ¹ (m)	Eruptive ² source	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MgO	MnO	CaO	TiO ₂	Na ₂ O	K ₂ O	Total ³	Comments
WLC84-5													
WLC84-5-5, 36.66 m	36.66	MC	76.83	12.92	0.80	0.04	0.04	0.61	0.08	3.84	4.84	95.51	Dissem. shards, hetero.
WLC84-5-5, 36.93 m	36.93	MC	76.69	13.09	0.83	0.03	0.05	0.66	0.06	3.79	4.82	95.43	Dissem. shards, hetero.; = Wilson Cr. ash bed 17?
WLC84-5-6, 39.31 m	39.31	MC	76.69	13.10	0.82	0.04	0.05	0.66	0.07	3.79	4.78	95.94	Do.
WLC84-5-6, 40.08 m	40.08	MC	76.68	13.08	0.82	0.03	0.05	0.66	0.06	3.81	4.82	95.85	Dissem. shards, hetero.; = Rush Cr. ash bed
WLC84-5-7, 50.91 m	50.91	MC	76.58	13.13	0.93	0.04	0.05	0.71	0.08	3.54	4.94	96.13	Dissem. shards, hetero.; reworked?
WLC84-5-7, 51.83 m	51.83	MC	75.54	13.66	0.98	0.07	0.05	0.68	0.14	4.01	4.87	95.65	Dissem. shards, v. hetero.; reworked
WLC84-5-12, 61.28 m	61.28	MC	76.51	13.26	0.87	0.04	0.05	0.70	0.07	3.76	4.75	96.36	Dissem. shards, v. homog.; like Wilson Cr. 17, but older
WLC84-5-12, " (10 Ca)	61.28	LV?	77.54	12.80	0.61	0.01	0.06	0.45	0.05	3.85	4.63	96.10	Dissem. shards, homog.; reworked?
WLC84-5-12, 62.60 m	62.60	Unk.	74.57	14.18	1.09	0.07	0.09	0.70	0.15	4.33	4.84	95.84	Dissem. shards, v. hetero.; reworked, mixture
WLC84-5-12, 63.06 m	63.06	MM	71.91	15.22	1.64	0.18	0.11	0.73	0.26	5.16	4.77	94.93	Dissem. shards, hetero.; = WLC85-2, 9.40 m
WLC84-5-13, 1.11 m	64.49	MC	76.59	13.09	0.89	0.04	0.06	0.71	0.07	3.74	4.82	95.11	Ash bed
WLC84-5-13, 64.49 m	64.49	MC	76.59	13.19	0.83	0.03	0.05	0.70	0.07	3.73	4.80	95.00	Ash bed; = WLC84-4, 66.40 m; like Wilson Cr. 17, But older
WLC84-5-13, 64.51 m	64.51	MC	77.18	12.74	0.88	0.04	0.06	0.73	0.07	3.53	4.78	94.66	Ash bed, same layer as WLC84-5-13, 1.11 m
WLC84-5-16, 73.40 m	73.40	MC	76.37	13.29	0.81	0.05	0.04	0.75	0.10	3.70	4.89	96.23	Dissem., hetero.; like WLC84-4-26, 66.79 m
WLC84-5-16, 73.52 m	73.52	MC	77.17	12.86	0.75	0.03	0.05	0.60	0.09	3.67	4.79	96.48	Dissem. shards, hetero.; reworked?
WLC84-6-16, 73.62 m	73.62	MC	76.34	13.31	0.83	0.06	0.03	0.73	0.10	3.47	5.13	96.11	Do.
WLC84-5-19, 0.27 m	78.91	MC	76.42	13.19	0.85	0.07	0.05	0.82	0.09	3.67	4.84	94.71	Ash bed
WLC84-5-19, 78.91 m	79.91	MC	77.29	12.54	0.79	0.06	0.05	0.84	0.08	3.62	4.73	95.11	Ash bed, same layer as WLC84-5-19, 0.27 m
WLC84-5-22, 84.97 m	84.97	LV?	76.82	12.94	0.72	0.05	0.05	0.53	0.10	3.46	5.35	96.40	Dissem. shards, hetero.; reworked LV? tephra
WLC84-5-22, 85.06 m	85.06	LV?	77.20	12.91	0.71	0.04	0.07	0.53	0.09	3.70	4.77	95.72	Do.
WLC84-5-22, 85.15 m	85.15	LV?	77.95	12.32	0.60	0.05	0.06	0.46	0.11	3.77	4.71	96.17	Do.
WLC84-5-24, 90.23 m	90.23	LV?	77.51	12.44	0.70	0.03	0.06	0.47	0.10	3.73	4.96	95.58	Do.
WLC84-5-24, 90.28 m	90.28	LV?	77.63	12.32	0.72	0.04	0.07	0.51	0.09	3.60	5.02	95.20	Do.
WLC84-5-24, 90.62 m	90.62	LV?	77.80	12.32	0.74	0.04	0.06	0.56	0.08	3.64	4.76	95.73	Do.
WLC84-5-24, 90.77 m	90.77	LV?	77.59	12.28	0.73	0.05	0.07	0.55	0.09	3.57	5.09	94.74	Do.
WLC84-5-26, 96.00 m	96.00	Unk.	76.63	12.63	0.77	0.09	0.08	0.61	0.16	3.98	5.06	95.30	Dissem. shards, v. hetero.; reworked
WLC84-5-26, 97.01 m	97.01	LV?	78.03	12.13	0.79	0.04	0.04	0.54	0.09	3.66	4.70	94.98	Dissem. shards, hetero.; reworked LV? tephra
WLC84-5-26, 97.11 m	97.11	LV?	77.31	12.25	0.88	0.05	0.06	0.57	0.10	3.14	5.64	94.16	Dissem. shards, v. hetero.; reworked LV?
WLC84-5-26, 97.21 m	97.21	LV?	78.07	12.00	0.55	0.02	0.07	0.43	0.07	3.64	5.15	94.67	Dissem. shards, hetero.; reworked LV?
WLC84-5-34A, 118.86 m	118.86	LV?	78.48	11.50	0.76	0.03	0.06	0.51	0.07	3.57	5.02	94.16	Do.
WLC84-5-42A, 1.25 m	141.78	Unk.	73.46	14.29	2.30	0.17	0.06	0.98	0.17	5.53	3.04	93.37	Ash bed; = PAOH-1, Pacha Is., Mono Basin
WLC84-5-42A, 141.78 m	141.78	Unk.	74.35	13.74	2.30	0.18	0.06	1.04	0.20	5.18	2.94	93.27	Ash bed, same as WLC84-5-42A, 1.25 m
WLC84-5-42A, 141.83 m	141.83	Unk.	74.48	13.27	2.32	0.16	0.07	1.00	0.18	5.46	3.06	92.63	Dissem. shards, v. homog.; same as above
WLC84-8													
WLC84-8-1B, 92-94 cm	0.94	MC	76.99	12.72	1.11	0.02	0.06	0.54	0.07	3.84	4.65	98.75	Dissem. shards, homog.
WLC84-8-1B, 112-114 cm	1.14	MC	76.88	12.84	1.06	0.03	0.06	0.56	0.06	3.89	4.63	98.78	Dissem. shards, hetero.; reworked?
WLC84-8-1B, 192-194 cm	1.94	MC	76.95	12.70	1.11	0.03	0.06	0.56	0.07	3.86	4.64	98.86	Dissem. shards, homog.
WLC84-8-3A, 2-4.5 cm	2.04	MC	77.34	12.49	1.17	0.03	0.05	0.56	0.06	3.67	4.63	98.12	Do.
WLC84-8-3A, 14.5-20 cm	2.18	MC	77.03	12.78	1.09	0.03	0.04	0.55	0.06	3.78	4.63	98.91	Ash bed, ca. 5.5 cm thick
WLC84-8-2A, 2-4.5 cm	2.41	MC	76.96	12.70	1.15	0.03	0.06	0.56	0.06	3.86	4.63	98.81	Dissem. shards, homog.
WLC84-8-2A, 22-22.5 cm	2.59	IC	73.77	14.24	1.66	0.12	0.06	0.72	0.13	4.16	5.13	97.52	Ash bed, 2 cm; bimodal composition
WLC84-8-3A, 50-52 cm	Do. ⁵	IC	73.99	14.14	1.66	0.07	0.05	0.74	0.09	4.08	5.17	97.83	Ash bed, 2 cm; homogenous
WLC84-8-2A, 28.5-33 cm	2.69	MC	77.00	12.77	1.12	0.03	0.05	0.54	0.06	3.76	4.66	98.73	Ash bed, 4.5 cm; = tephra 2 (Wood, 1977)?
WLC84-8-3A, 59.5-64 cm	Do. ⁵	MC	77.00	12.70	1.10	0.03	0.06	0.56	0.04	3.89	4.61	99.40	Ash bed, 4.5 cm, (Ash B); = tephra 2?
WLC84-8-3A, 64-66 cm	2.71	MC	76.97	12.80	1.08	0.03	0.05	0.55	0.05	3.86	4.60	99.24	Ash bed, 2 cm, (Ash A); = tephra 2?
WLC84-8-2A, 61.5-70 cm	3.04	MC	77.09	12.70	1.11	0.03	0.05	0.55	0.04	3.78	4.65	98.34	Disturbed ash bed, 2 cm
WLC84-8-2A, 92-94.5 cm	3.31	MC	77.03	12.66	1.13	0.03	0.05	0.56	0.06	3.86	4.62	98.99	Dissem. shards, homog.
WLC84-8-2A, 112-114.5 cm	3.51	MC	77.01	12.76	1.05	0.03	0.06	0.61	0.07	3.68	4.74	97.52	Dissem. shards, hetero.; reworked?
WLC84-8-2B, 122-124.5 cm	3.61	MC	77.14	12.61	1.13	0.02	0.05	0.56	0.06	3.81	4.62	98.59	Dissem. shards, homog.
WLC84-8-2B, 130-134 cm	3.70	MC	77.03	12.81	1.08	0.04	0.04	0.55	0.04	3.77	4.63	97.85	Ash bed, 2.5 cm thick
WLC84-8-2B, 142-144.5 cm	3.81	MC	77.23	12.59	1.09	0.03	0.05	0.56	0.06	3.75	4.65	97.63	Dissem. shards, homog.
WLC84-8-2B, 172-174.5 cm	4.11	MC	77.03	12.76	1.05	0.02	0.05	0.56	0.07	3.75	4.72	93.62 ⁶	Dissem. shards, very hetero.; reworked
WLC84-8-5A, 2-4.5 cm	7.88	MC	77.30	12.56	1.05	0.01	0.06	0.60	0.05	3.68	4.68	96.97	Dissem. shards, hetero.; reworked?
WLC84-8-5A, 102-105.5 cm	8.09	MC	77.17	12.73	1.06	0.02	0.06	0.57	0.06	3.73	4.60	98.21	Do.
WLC84-8-7(1), 62-64.5 cm	9.69	MC	77.25	12.78	0.98	0.03	0.05	0.51	0.05	3.76	4.59	97.12	Dissem. shards, homog.
WLC84-8-7(2), 62-64.5 cm	Do.	MC	77.42	12.57	0.96	0.02	0.05	0.51	0.04	3.93	4.51	94.93 ⁶	Dissem. shards, hetero.
WLC84-8-8, 4.5-10 cm	10.14	MC	77.31	12.71	0.96	0.02	0.05	0.53	0.05	3.88	4.49	97.19	Ash bed, 7 cm thick; = A-3 at Crooked Mdw.?
WLC85-2													
WLC85-2, 9.40 m	9.40	MM	72.15	15.35	1.59	0.18	0.11	0.72	0.23	4.86	4.80	94.85	Ash bed; = diss. shards at 63.06 in WLC84-5?
WLC85-2, 10.65 m	10.65	MC	76.61	13.40	0.87	0.03	0.06	0.70	0.05	3.52	4.76	95.53	Ash bed; = ash bed at 66.33 m in WLC84-4, etc.
WLC85-2, 11.34 m	11.34	MC	76.89	12.97	0.84	0.04	0.05	0.75	0.08	3.54	4.85	94.62	Ash bed; = ash bed at 64.51 m in WLC84-5, etc.
WLC85-2, 13.65 m	13.65	MC	76.71	13.06	0.84	0.06	0.96	0.81	0.09	3.43	4.94	94.57	Ash bed; = ash bed at 38.26 m in WLC84-3, etc.